

Errors Corrected by the STIC Systems Branch

1646 #6

Serial Numbers

09/276,935B

ENTERED

RECEIVED

TECHNICAL STIC 10-0000

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

## RAW SEQUENCE LISTING

DATE: 05/04/2000

PATENT APPLICATION: US/09/276,935B

TIME: 18:13:10

Input Set : A:\Pto.amc

Output Set : N:\CRF3\08042000\I276935B.raw

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2 <110> APPLICANT: KLEWER, Steven A.
3 <110> JONES, Stacey A.
4 <110> WILLSON, Timothy M.
5 <120> TITLE OF INVENTION: AN ORPHAN NUCLEOP RECEPTOR
8 <130> FILE REFERENCE: 510-125
10 <140> CURRENT APPLICATION NUMBER: 09/276,935B
11 <111> CURRENT FILING DATE: 1999-03-26
13 <150> PRIOR APPLICATION NUMBER: 60/019,593
14 <161> PRIOR FILING DATE: 1998-03-27
16 <160> NUMBER OF SEQ ID NOS: 18
18 <170> SOFTWARE: PatentIn Ver. 2.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 29
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
28 <400> SEQUENCE: 1
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31 <210> SEQ ID NO: 2
32 <211> LENGTH: 45
33 <212> TYPE: DNA
34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
39 <400> SEQUENCE: 2
40 ggggtgtggg aatccaccac catgttagtg agaccacaag aaagc
42 <210> SEQ ID NO: 3
43 <211> LENGTH: 34
44 <212> TYPE: DNA
45 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/276,935B  
 DATE: 08/04/2000  
 TIME: 13:13:19

Input Set : A:\Pto.amc  
 Output Set: N:\CRF3\08042000\I276935B.raw

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77 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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84 gatcaatatg aactcaaaag aggtcagt          29
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 19
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
94 <400> SEQUENCE: 8
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99 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein
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129      1          5          10
132 <210> SEQ ID NO: 11
133 <211> LENGTH: 316
134 <212> TYPE: PRT
135 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING                      DATE: 08/04/2000  
 PATENT APPLICATION      US/09/276,935B      TIME: 18:13:10

Input Set : A:\Pto.amc  
 Output Set: N:\CRF3\08042000\I276935B.raw

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137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein
139 <100> SEQUENCE: 11
141 Met Lys Lys Gly His His His His His His Gly Ser Glu Arg Thr Gly
142 1 5 10 15 20
143 Thr Gln Pro Leu Gly Val Gln Gly Leu Thr Glu Gln Gln Arg Met Met
144 25 30 35 40 45
145 Ile Arg Glu Leu Met Asp Ala Gln Met Lys Thr Phe Asp Thr Lys Phe
146 50 55 60 65 70
147 Ser His Phe Lys Asn Phe Arg Leu Pro Gly Val Leu Ser Ser Gly Cys
148 75 80 85 90 95
149 Glu Leu Pro Gln Ser Leu Gln Ala Pro Ser Arg Gln Gln Ala Ala Lys
150 100 105 110 115 120
151 Trp Ser Gln Val Arg Lys Asp Leu Cys Ser Leu Lys Val Ser Leu Gln
152 125 130 135 140 145
153 Leu Arg Gly Gln Asp Gly Ser Val Trp Asn Tyr Lys Pro Pro Ala Asp
154 150 155 160 165 170
155 Ser Gly Gly Lys Glu Ile Phe Ser Ser Leu Leu Pro His Met Ala Asp Met
156 175 180 185 190 195
157 Ser Thr Tyr Met Phe Lys Gly Ile Ile Ser Phe Ala Lys Val Ile Ser
158 200 205 210 215 220
159 Tyr Phe Arg Asp Leu Pro Ile Glu Asp Glu Ile Ser Leu Leu Lys Gly
160 225 230 235 240 245
161 Ala Ala Phe Glu Leu Cys Gln Leu Arg Phe Asn Thr Val Phe Asn Ala
162 250 255 260 265 270
163 Glu Thr Gly Thr Trp Glu Cys Gly Arg Leu Ser Tyr Cys Leu Glu Asp
164 275 280 285 290 295
165 Thr Ala Gly Gly Phe Gln Gln Leu Leu Leu Glu Pro Met Leu Lys Phe
166 300 305 310 315 320
167 His Tyr Met Leu Lys Lys Leu Gln Leu His Glu Glu Tyr Val Leu
168 325 330 335 340 345
169 Met Gln Ala Ile Ser Leu Phe Ser Pro Asp Arg Pro Gly Val Leu Gln
170 350 355 360 365 370
171 His Arg Val Val Asp Gln Leu Gln Gln Gln Phe Ala Ile Thr Leu Lys
172 375 380 385 390 395
173 Ser Tyr Ile Glu Cys Asn Arg Pro Gln Pro Ala His Arg Phe Leu Phe
174 400 405 410 415 420
175 Leu Lys Ile Met Ala Met Leu Thr Glu Leu Arg Ser Ile Asn Ala Gln
176 425 430 435 440 445
177 His Thr Gln Arg Leu Leu Arg Ile Gln Asp Ile His Pro Phe Ala Thr
178 450 455 460 465 470
179 Pro Leu Met Gln Glu Leu Phe Gly Ile Thr Gly Ser
180 475 480 485 490 495
181 210 <SEQ ID NO: 12>
182 211 <LENGTH: 242>
183 212 <TYPE: PRT>
184 213 <ORGANISM: Artificial Sequence>
185 214 <FEATURE:
186 215 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein

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## RAW SEQUENCE LISTING

DATE: 03/01/2000

PATENT APPLICATION: US/09/276,935B

TIME: 18:13:16

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Output Set: N:\CRF3\08042000\I276935B.raw

210 -100- SEQUENCE: 12

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211 Met Lys Lys Gly Ser Ala Asn Glu Asp Met Pro Val Glu Arg Ile Leu
213      1          5          10          15
215 Glu Ala Glu Leu Ala Val Glu Pro Lys Thr Glu Thr Tyr Val Glu Ala
217      20          25          30
218 Asn Met Gly Leu Asn Pro Ser Ser Pro Asn Asp Pro Val Thr Asn Ile
219      35          40          45
221 Cys Glu Ala Ala Asp Lys Glu Leu Phe Thr Leu Val Glu Trp Ala Lys
222      50          55          60
224 Arg Ile Pro His Phe Ser Glu Leu Pro Leu Asp Asp Glu Val Ile Leu
225      65          70          75          80
227 Leu Ala Ala Gly Trp Asn Glu Leu Leu Ile Ala Ser Phe Ser His Arg
228      85          90          95
230 Ser Ile Ala Val Lys Asp Gly Ile Leu Leu Ala Thr Gly Leu His Val
231      100         105         110
233 His Arg Asn Ser Ala His Ser Ala Gly Val Gly Ala Ile Phe Asp Arg
234      115         120         125
236 Val Ile Thr Glu Leu Val Ser Lys Met Arg Asp Met Glu Met Asp Lys
237      130         135         140
239 Thr Glu Leu Gly Cys Leu Arg Ala Ile Val Leu Phe Asn Pro Asp Ser
240      145         150         155         160
242 Lys Gly Leu Ser Asn Pro Ala Glu Val Glu Ala Leu Arg Glu Lys Val
243      165         170         175
245 Tyr Ala Ser Ile Glu Ala Tyr Cys Lys His Lys Tyr Pro Glu Glu Pro
246      180         185         190
248 Gly Arg Phe Ala Lys Leu Leu Leu Arg Leu Pro Ala Leu Arg Ser Ile
249      195         200         205
251 Gly Leu Lys Cys Leu Glu His Leu Phe Phe Phe Lys Leu Ile Gly Asp
252      210         215         220
254 Thr Pro Ile Asp Thr Phe Leu Met Glu Met Leu Glu Ala Pro His Glu
255 225         230         235         240
257 Met Thr

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260 -210- SEQ ID NO: 13

261 -211- LENGTH: 2115

262 -212- TYPE: RNA

263 -213- ORGANISM: Artificial Sequence

265 -220- FEATURE:

266 -223- OTHER INFORMATION: Description of Artificial Sequence. Probe

268 -400- SEQUENCE: 13

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269 tgaatatatg gtaagagaca agattatctc atatccgggg aaatcataac ctatgaactg 60
270 gaaggaagga gaaagcactg cctttacttc agtgggaatc tgggctccag ccgcgaagac 120
271 aagttattac agtgaaaaaa gcaagaaaat aagctaatat tctgtctctg aaaaaggaag 180
272 cggtctcttc gtaaaactac tctttatct atcctttgca ccaatttgtt caaaatggac 240
273 cccaaaggag aattggagac aaagaactta ccccaagca gtaaaaggag cccagaagaa 300
274 aacctggaag tgaagcccaa agaaagctga aacctatctg accttgtaaa ctatgaggac 360
275 acagaactta ttcctgaaa gcccaatgtc aaacagata agaaagtcgg aagtcacca 420
276 atctaccgtg tatgtgggga caaggccact ggcataactt taaatgtcat gacatgtgaa 480
277 gaatgaagag gatttttcag gagggcata aaaaagaaag cccagcttaq gtgcccttc 540
278 cggaaagggc cctgcgaat caccgggaag aaccggcaac agtgccagga ctgccgcttg 600

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## RAW SEQUENCE LISTING

DATE: 08/01/2000

PATENT APPLICATION: US/09/276,935B

TIME: 18:13:19

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08042000\I276935B.raw

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278 cgcgaatgac tggagagcag catgaagaag gaaatgata tgtccagcga ggcggtagag 660
280 gaaagagcag ccttgatcaa acggaagaaa agtgaacgga catggactca gcaactgaga 720
282 gtccagagag tccagagaaa gaaagcagat atgatacagg agtgaatcaa cagtcagata 780
284 aaaaaccttg acaactacct ctcccatitc aagaatttcc gactgcacag gattgcttag 840
286 agtggctatg agtgcacaaa gtctctacag gtcctatcaa gaaagaaagg tccgaagtag 900
288 agccagatcc agaaagatct gtgctctttg aaggtctctc tccagctacg gaaagagaa 960
290 gaaagtctct gaaatcaaaa acacacacac gaaagtagag gaaagagaa 1020
292 ctacccacaa tggatgaaat atcaacctac atgttcacag gcatcacaag ctgtgacaaa 1080
294 gtaactctct acttcagaga ctgccccttc gaggacacga tctccctgct gaaagagagc 1140
296 gctttcagac tatctcaact gaaattcaac acaattctca agcgaagagc tggaaacctg 1200
298 gattgagccc gctgtgacta ctgcttggaa gacactgcag gtgacttcca gcaacttcta 1260
300 ctgaagccaa tgcgtgaatt ccaattacat ctgaagaaag tgcgtgca tgaagagag 1320
302 tatgtcttga tgaaggcaat ctccctcttc tcccagagcc gcccaagtgt gctgacagac 1380
304 cagtgagtag acagagctga agagcaattc gccattactc tgaactctta cattgaatag 1440
306 aatcgagccc agcctgctca taagtctctg ttcctgaaga tcatggctat gctgacagag 1500
308 ctccgacgca tcaattctca acacacacag cggctgctgc gaaacacaga cataacccc 1560
310 ttgtctagcg cctctatgca agagtgttgc ggcatacag atagctgagc ggtgcccctt 1620
312 gggtaacacg tggagagagc agcgaagccc agagccctct gaaacgacac tcccggcaca 1680
314 aaacagatga acaactgcaa gacgcaacaa tcccctctct gactctctcc ctgaggaatt 1740
316 cctgtataga caactgctca gcaattctca agaaggacat gggtagcccc cacccccagt 1800
318 taagtctata ggaattgag ccaagactc ttaagtggag agtgcactga cctgtagctc 1860
320 aggaactcca gaaagcaaaa attgaccttt ccttttaaaa ggcctctgag tctgggagaa 1920
322 aatccctcag atcccactaa agtatcaagg tgtgaagagg accaagcaca caaagatagg 1980
324 caatctgggg tctatgcaca catacccagc ttgttctgct tctgagctct ttctatgct 2040
326 aactctaaat gtcctgctc caattctcca ctgcttcccc tctcttccg agctgctttg 2100
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329 &gt;210- SEQ ID NO: 11

330 &gt;211- LENGTH: 414

331 &gt;212- TYPE: PRT

332 &gt;213- ORGANISM: Artificial Sequence

333 &gt;220- FEATURE:

334 &gt;223- OTHER INFORMATION: Description of Artificial Sequence: Protein

335 &gt;100- SEQUENCE: 11

336 Leu Glu Val Arg Pro Lys Glu Ser Trp Asn His Ala Asp Phe Val His

337 1 5 10 15

338 Cys Glu Asp Thr Glu Ser Val Pro Glu Lys Pro Ser Val Asn Ala Asp

339 20 25 30

340 Glu Glu Val Gly Gly Pro Gln Ile Cys Arg Val Cys Gly Asp Lys Ala

341 35 40 45

342 Thr Gly Tyr His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe

343 50 55 60

344 Phe Arg Arg Ala Met Lys Arg Asn Ala Arg Leu Arg Cys Pro Phe Arg

345 65 70 75 80

346 Lys Gly Ala Cys Glu Ile Thr Arg Lys Thr Arg Arg Gln Cys Glu Ala

347 85 90 95

348 Cys Arg Leu Arg Lys Cys Leu Glu Ser Gly Met Lys Lys Glu Met Ile

349 100 105 110

350 Met Ser Asp Glu Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg Lys

351 115 120 125

VERIFICATION SUMMARY                      DATE: 08/04/2000  
PATENT APPLICATION    US/09/276,935B       TIME: 13:13:11  
  
Input Set : A:\Pto.amc  
Output Set: N:\CRF3\08042000\I276935B.raw

1646

RAW SEQUENCE LISTING                      DATE: 07/31/2000  
 PATENT APPLICATION: US/09/276,935B        TIME: 12:11:31

Input Set : A:\Sequence Listing.txt  
 Output Set: N:\CRF3\07312000\I276935B.raw

3 110> APPLICANT: ELIENEP, Steven A.  
 4        JONES, Stacey A.  
 5        WILLSON, Timothy M.  
 6 120> TITLE OF INVENTION: AN ORPHAN NUCLEAR RECEPTOR  
 9 130> FILE REFERENCE: 510-175  
 11 140> CURRENT APPLICATION NUMBER: 09/276,935B  
 12 141> CURRENT FILING DATE: 1999-03-26  
 14 160> PRIOR APPLICATION NUMBER: 60/079,593  
 15 161> PRIOR FILING DATE: 1996-03-27  
 17 180> NUMBER OF SEQ ID NOS: 18  
 19 170> SOFTWARE: PatentIn Ver. 2.0

Does Not Comply  
 Corrected Diskette Needed

# ERRORED SEQUENCES

130 210> SEQ ID NO: 18  
 131 211> LENGTH: 71  
 132 212> TYPE: DNA  
 133 213> ORGANISM: Artificial Sequence  
 135 220> FEATURE:  
 136 223> OTHER INFORMATION: Description of Artificial Sequence: Probe  
 138 2409> SEQUENCE: 18  
 138 agatgaactt catgaactgt c 21  
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VERIFICATION SUMMARY                      DATE: 07/31/2000  
PATENT APPLICATION: US/09/276,935B        TIME: 12:11:30

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Output Set: N:\CRF3\07312000\I276935B.raw

L:416 M:251 E: No. of Bases conflict: LENGTH:Input:0 Counted:21 SEQ:18